

STIC Search Report

STIC Database Tracking Number 1996

TO: Hoang Ngo

Location: JEF-8C73

Art Unit: 2852

Tuesday, July 19, 2005

Case Serial Number: 10/829478

From: Darcy Bates Location: EIC 2800

JEF-4B68

Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

Re: 10/829,478 US 6,477,335

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks,

Darcy Bates



Bates, Darcy

From:

Ngo, Hoang

Sent:

Tuesday, July 19, 2005 11:20 AM STIC-EIC2800 Litigation search

To: Subject:

Would like to request a litigation search for a reissue case 10/829478. Thanks.

Hoang Ngo Art Unit 2852 Jefferson, 8C73 (571)272-2138



PALM INTRANET

Day: Tuesday Date: 7/19/2005 Time: 14:21:48

IFW IMAGE

Application Number Information

Application Number: 10/829478 Assignments

Filing or 371(c) Date: 04/21/2004

Effective Date: 04/21/2004

Application Received: 04/22/2004

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: 42525-0955

Status: 30 /DOCKETED NEW CASE - READY FOR EXAMINATION

Confirmation Number: 5878

Unmatched Petition: NO L&R Code: Secrecy Code:1

Third Level Review: NO

Group Art Unit: 2852

Interference Number:

Lost Case: NO

Class/Subclass: 399/012.000

Secrecy Order: NO Status Date: 02/01/2005

Examiner Number: 75767 / NGO, HOANG

Oral Hearing: NO

Title of Invention: TONER CARTRIDGE IDENTIFICATION SYSTEM FOR A PRINTER

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
Info —	ntents Petition Inf				reign Data Inven	
Search An	other: Applicatio	n#	Search or	Patent#	Search	
	PCT /	/ Sea	rch or PG	PUBS #	Search	
	Attorney Do	cket#		Search		•
	Bar Code#		Search			

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Day: Tuesday Date: 7/19/2005 Time: 14:22:03

Continuity Information for 10/829478

Parent Data 10829478 is a reissue of 09853269

Child Data No Child Data

Appln Info Contents Petition Info	Atty/Agen	Continuity Data	Foreign Data Inv	entors Addres
Search Another: Application#	Search	or Patent#	Search	
PCT /	Search	or PG PUBS #	Search	
Attorney Docket #		Search		
Bar Code #	Sea	arch		

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Day: Tuesday Date: 7/19/2005 Time: 14:22:07

Application Number Information

Application Number: 09/853269 Order This File

Assignments

Filing or 371(c) Date: 05/11/2001

Effective Date: 05/11/2001

Application Received: 05/14/2001

Pat. Num./Pub. Num: 6477335/20020168192

Issue Date: 11/05/2002

Date of Abandonment: 00/00/0000

Attorney Docket Number: TRO4-BO57

Status: 150 /PATENTED CASE

Confirmation Number: 5876

Examiner Number: 59285 / BRAUN, FRED

Group Art Unit: 2852

Class/Subclass: 399/012.000

Lost Case: NO

Interference Number:

Unmatched Petition: NO

L&R Code: Secrecy Code:1

Third Level Review: NO

Secrecy Order: NO

Status Date: 10/17/2002

Oral Hearing: NO

Title of Invention: TONER CARTRIDGE IDENTIFICATION SYSTEM FOR A PRINTER

09853269			No Charge to Location	No Charge to Name		
Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location

Appln Conte		Atty/Agent Info	Continuity Data		ventors Addr
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	PCT /	Search	or PG PUBS#	Search	
·	Attorney Docket #		Search		
	Bar Code #	Sea	rch .		

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Day: Tuesday Date: 7/19/2005 Time: 14:22:11

Continuity Information for 09/853269

Parent Data No Parent Data **Child Data** 10829478 is a reissue of 09853269 **Continuity** Petition Info Atty/Agent Info Foreign Data Inventors Address Appln Info Contents Data Search Another: Application# Search Search or Patent# Search PCT / Search or PG PUBS# Search **Attorney Docket #** Bar Code# Search

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Patent Search - Number: 6,477,335

No cases containing this patent number were found.

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Terms: patno=6477335 (Edit Search)

853269 (09) 6477335 November 5, 2002

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6477335

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Link to Claims Section

November 5, 2002

Toner cartridge identification system for a printer

REISSUE: April 21, 2004 - Reissue Application filed Ex. Gp.: 2852; Re. S.N. 10/829,478 (O.G. August 3, 2004)

INVENTOR: Surya, Ronald V. - Laguna Hills, California; Kussmann, Gregory S. - Orange, California; Chan, Cheston Sung Yin - Rowland Heights, California

APPL-NO: 853269 (09)

FILED-DATE: May 11, 2001

GRANTED-DATE: November 5, 2002

ASSIGNEE-AT-ISSUE: Troy Group, Inc., Santa Ana, California, 02

ASSIGNEE-AFTER-ISSUE: May 11, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., TROY GROUP, INC. 2331 SOUTH PULLMAN STREET SANTA ANA CALIFORNIA 92705, Reel and

Frame Number: 11811/0345

LEGAL-REP: Price and Gess - ##0

PUB-TYPE: November 5, 2002 - Utility Patent having no previously published pre-grant publication (B1)

PUB-COUNTRY: United States (US)

US-MAIN-CL: 399#12

US-ADDL-CL: 335#153, 335#207, 399#25

CL: 399, 335, 399

SEARCH-FLD: 399#12, 399#24, 399#25, 399#27, 399#28, 335#207, 335#151, 335#152, 335#153

IPC-MAIN-CL: 7G 03G015#0

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Query/Command: us6477335/pn

** SS 5: Results 1

Search statement 6

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

PN - US6477335 B1 20021105 [US6477335]

PN2 - US2002168192 A1 20021114 [US20020168192]

TI - (B1) Toner cartridge identification system for a printer

PA - (B1) TROY GROUP INC (US)

PAO - Troy Group, Inc., Santa Ana CA [US]

IN - (B1) CHAN CHESTON SUNG YIN (US); SURYA RONALD V (US); KUSSMANN

GREGORY S (US)

AP - US85326901 20010511 [2001US-0853269] PR - US85326901 20010511 [2001US-0853269]

IC - (B1) G03G-015/00 G03G-015/08 H01H-009/00 H01H-051/00

EC - G03G-015/08H3 H01H-036/00B8

ICO - T01H-036/00B2C

PCL - ORIGINAL (O): 399012000; CROSS-REFERENCE (X): 335153000

335207000 399025000

DT - Basic

CT - US3599132; JP61-156165; JP63-85771

STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

STG2- (A1) Utility Patent Application published on or after January 2, 2001

AB -An apparatus for communicating to a printer a type of installed printer cartridge, where the combination of the cartridge and the printer form a magnetic coupling that can generate a cartridge specific code to identify the toner cartridge as being of a predetermined type. In a preferred embodiment, the magnetic coupling is achieved using at least two reed switches preferably mounted on the printer, with the reed switches biased using fixed magnetic elements placed immediately adjacent the reed switches. In the absence of any further magnetic fields, the reed switches are selected to provide a known set of switch positions corresponding to a bit value of one ("1") for an open circuit and a bit value of zero ("0") for a closed circuit. Magnetic elements on a printer cartridge are positioned to be disposed adjacent the reed switches and opposite the fixed magnets, and of a size and field strength sufficient to counteract the fixed magnetic elements adjacent the reed switches when the cartridge is inserted into the printer. The positions of the reed switches on the printer may be transformed into a sequence of bits of "1"s and "0"s. This series of data (ones and zeros) can be used to distinguish one printer cartridge from another and allow automatic optimization of the printer settings based on the cartridge recognition.

UP - 2002-46

1 / 1 LGST - @EPO

PN - US6477335 B1 20021105 [US6477335]

US2002168192 A1 20021114 [US20020168192]

AP - US85326901 20010511 [2001US-0853269]

ACT - 20010511 US/AS-A

ASSIGNMENT

OWNER: TROY GROUP, INC. 2331 SOUTH PULLMAN STREET SANTA A;

EFFECTIVE DATE: 20010507

ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS: KUSSMANN, GREGORY S.; SURYA, RONALD V.; YIN, CHESTO SUNG; REEL/FRAME: 011811/0345

20040803 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040421

UP - 2004-35

1 / 1 CRXX - @CLAIMS/RRX

AN - 3781091

PN - 6,477,335 A 20021105 [US6477335]

PA - Troy Group Inc

PT - E (Electrical)

ACT - 20040421 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040803

REISSUE REQUEST NUMBER: 10/829478

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2852

Reissue Patent Number:

UP - 2004-32

UACT- 2004-08-03

Search statement 6

Query/Command: fam us6477335/pn

1 Patent Groups
** SS 6: Results 1

Search statement

Query/Command : famstate nonstop

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US6477335 B1 20021105 [US6477335]

STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

TI - (B1) Toner cartridge identification system for a printer

PA -(B1) TROY GROUP INC (US)

Troy Group, Inc., Santa Ana CA [US]

IN -(B1) CHAN CHESTON SUNG YIN (US); SURYA RONALD V (US); KUSSMANN GREGORY S (US)

(B1) G03G-015/00 G03G-015/08 H01H-009/00 H01H-051/00 IC -

PN2 - US2002168192 A1 20021114 [US20020168192]

STG2-(A1) Utility Patent Application published on or after January 2, 2001

(A1) TONER CARTRIDGE IDENTIFICATION SYSTEM FOR A PRINTER

TI2 -IN2 -(A1) YIN CHAN CHESTON SUNG (US); SURYA RONALD V (US); KUSSMANN GREGORY S (US)

IC2 -(A1) G03G-015/00

AP -US85326901 20010511 [2001US-0853269] PR -US85326901 20010511 [2001US-0853269]

EC -G03G-015/08H3 H01H-036/00B8 ICO -T01H-036/00B2C

ORIGINAL (O): 399012000; CROSS-REFERENCE (X): 335153000 PCL -

335207000 399025000

DT -Basic UP -2002-46

1 / 1 LEGALI - ©EPO

US6477335 B1 20021105 [US6477335]US2002168192 A1 20021114

[US20020168192]

US85326901 20010511 [2001US-0853269] AP -

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ASSIGNMENT

OWNER: TROY GROUP, INC. 2331 SOUTH PULLMAN STREET SANTA A;

EFFECTIVE DATE: 20010507

ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS: KUSSMANN, GREGORY S.; SURYA, RONALD V.; YIN, CHESTO SUNG; REEL/FRAME: 011811/0345

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